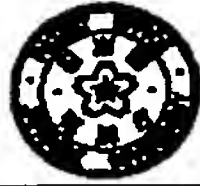


(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **02036904 A**

(43) Date of publication of application: **06.02.90**

(51) Int. Cl.

B27K 5/00

(21) Application number: **63167833**

(71) Applicant: **NOZAWA ISAMU**

(22) Date of filing: **27.07.88**

(72) Inventor: **NOZAWA ISAMU**

(54) PREVENTION OF PEELING AND DIMENSIONAL STABILIZATION METHOD FOR BARK

(57) Abstract

PURPOSE: To perform dimensional stability and prevention of peeling of bark by treating lumber with bark with a treatment solution comprised of polyethylene glycol methacrylate and alcohol.

CONSTITUTION: Lumber with bark is treated with a treatment solution containing polyethylene glycol methacrylate and alcohol. Although the polyethylene

glycol methacrylate is used ordinarily by itself, a small quantity of polyethylene glycol may be used jointly to make infiltration into the lumber easy. Methanol is preferable as using alcohol from the viewpoint of compatibility with water. A mixture ratio of the polyethylene glycol methacrylate and alcohol is selected normally out of a sphere at capacity ratio of the polyethylene glycol methacrylate:alcohol=1-10:10-1 and 1:1 is preferable especially.

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XP-002159135

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- AN - 1990-081330 [25]
A - [001] 014 028 04- 147 198 231 239 31- 316 332 336 398 431 477 58& 58-
688 720 723
AP - JP19880187833 19880727
CPY - NOUZ-I
DC - A14 A32 F09 G02 P63
FS - CPI;GMPI
IC - B27K5/00
KS - 0013 0231 1279 1588 2014 2021 2318 2427 2507 3205 3268 3318
MC - A10-E07B A12-B09 F05-B G02-A05
PA - (NOUZ-I) NOUZAWA I
PN - JP2036904 A 19900206 DW199011 004pp
PR - JP19880187833 19880727
XA - C1990-035879
XIC - B27K-005/00
XP - N1990-062481
AB - J02036904 Prevention of the peeling of wood bark and dimensional
stabilisation of the wood involves treating a bark-having wood
material with a treating soln. contg. polyethyleneglycolmethacrylate
and an alcohol.
- USE/ADVANTAGE - For logs, etc. to be used in craft work, etc. The
treating soln. can be easily impregnated into wood material to be
substd. for the water in the bark tissue. Stabilizing the tissue,
prevents peeling of the bark. The soln. is effective in controlling
the emission of water from the wood material to prevent the shrinking
and twisting of the wood material.
IW - PREVENT PEEL WOOD BARK DIMENSION STABILISED TREAT BARK SOLUTION
CONTAIN POLYETHYLENE GLYCOL METHACRYLATE ALCOHOL
IKW - PREVENT PEEL WOOD BARK DIMENSION STABILISED TREAT BARK SOLUTION
CONTAIN POLYETHYLENE GLYCOL METHACRYLATE ALCOHOL
NC - 001
OPD - 1988-07-27
ORD - 1990-02-06
PAW - (NOUZ-I) NOUZAWA I
TI - Preventing peeling of wood bark and dimensional stabilisation - by
treating bark with soln. contg. polyethylene-glycol-methacrylate with
alcohol